

Substitute for form 1449A/PTO & 1449B/PTO		Complete if Known	
SECOND INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/685,797
		Filing Date	October 16, 2003
		First Named Inventor	Sung- Hoon LEE et al.
		Examiner Name	Unassigned Bell
Sheet	(use as many sheets as necessary) 1 of 1	Attorney Docket Number	030681-575

U.S. PATENT DOCUMENTS			
Examiner Initials	Document Number	Kind Code (if known)	Issue/Publication Date (MM-DD-YYYY)

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation	
					Yes	No

NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
BAB	MANOS MAVRIKAKIS ET AL., <i>Oxygenate Reaction Pathways on Transition Metal Surfaces</i> , Journal of Molecular Catalysis A: Chemical, 1998, pgs. 135-147, Vol. 131, Elsevier Science B.V., Amsterdam, Holland *
BAB	MARK BARTEAU, <i>Linear Free Energy Relationships for C₁-Oxygenate Decomposition on Transition Metal Surfaces</i> , Catalysis Letters, 1991, pgs. 175-184, Vol. 8, J.C. Baltzer A.G. Scientific Publishing Company, Switzerland *

Examiner Signature	Bruce Bell	Date Considered	4-4-06
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.
VA 56051.1

* NO month available

Substitute for form 1449A/PTO & 1449B/PTO FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/685,797
		Filing Date	October 16, 2003
		First Named Inventor	Sung-Hoon Lee et al.
		Examiner Name	Bell
Sheet 1 of 1	Attorney Docket Number	030681-575	

U.S. PATENT DOCUMENTS				
Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

FOREIGN PATENT DOCUMENTS											
Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
BB	*2002-0084825	A	Korea	11-11-2002						*	

NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
BB	Korean Patent Office Action and English Translation XX

* Copy Attached

Examiner Signature	Bruce Bell	Date Considered	4/4/06
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~~XX~~ no month/year available

**THIRD
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number 10/685,797
 Filing Date 10/16/2003
 First Named Inventor Sung-hoon Lee et al
 Examiner Name Unassigned Bell
 Attorney Docket Number 1030681.000575

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation Needed	Partial Translation	Eng. Lang. Summary	Office Action	IPER	Abstract	Cited in Spec
BB	* 10-69914		Japan	03-10-1998				X			
BB	* 4-358540		Japan	12-11-1992				X			
BB	* 11-144751		Japan	05-28-1999				X			
BB	* 2000-323145		Japan	11-24-2000				X			
BB	* 2003-45442		Japan	02-14-2003				X			
BB	* 2002-100374		Japan	04-05-2002				X			
BB	* 2003-86188		Japan	03-20-2003		X		X			

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BB	* Japanese Patent Office Action dated 12-06-2005 with English Translation

* Copy Attached

Examiner Signature	Bruce Bell	Date Considered	4/25/06
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 Form Letters I

Substitute for forms 1449A/PTO & 1449B/PTO

FIRST INFORMATION DISCLOSURE
STATEMENT BY APPLICANTATTORNEY'S DKT NO.
030681-575APPLICATION NO.
~~Unassigned~~ 10/685 797APPLICANT
Sung-hoon LEE et alFILING DATE
October 16, 2003GROUP
~~Unassigned~~ 1746

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
BB	6,245,707	—	Chu et al	06-12-2001
BB	6,165,635	—	Auer et al	12-26-2000
BB	5,126,216	—	Capuano et al	06-30-1992
BB	5,079,107	—	Jalan	01-07-1992
BB	4,716,087	—	Ito et al	12-29-1987
BB	4,677,092	—	Luczak et al	06-30-1987
BB	4,447,506	—	Luczak et al	05-08-1984

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation Yes No

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Examiner
Signature*Bruce Bell*Date
Considered

4/4/06

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